

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A printhead assembly, comprising:

at least one printhead module comprising at least two printhead integrated circuits, each of which has nozzles formed therein for delivering printing fluid onto the surface of print media being fed along a media feed path past the printhead assembly in a media feed direction, a support member supporting and carrying the printing fluid for the at least two printhead integrated circuits, and an electrical connector for connecting electrical signals to the at least two printhead integrated circuits;

first and second power supplies, the first power supply being provided at a first end of the printhead assembly, and the second power supply being provided at a second end of the printhead assembly opposite to the first printhead module end; and

a plurality of electrical conductors for providing power to the at least two printhead integrated circuits from the first and second power supplies, the plurality of electrical conductors extending transverse to the media feed direction and being arranged as first and second groups of electrical conductors, the first and second groups of electrical conductors having combined lengths at least equal to the media feed path length, the first group connected to the first power supply and extending from the first end of the printhead assembly to a region intermediate the ends of the printhead assembly, and the second group connected to the second power supply and extending from the second end to connect to the first group at the region intermediate the first and second ends of the printhead assembly to supply power in parallel from both ends of the printhead assembly.

2. (Original) A printhead assembly according to claim 1, further comprising a casing in which the at least one printhead module and the plurality of electrical conductors are removably mounted.

3. (Original) A printhead assembly according to claim 2, further comprising drive electronics incorporating at least one controller for controlling the printing operation of at least one of the at least two printhead integrated circuits via the electrical connector,

wherein power is provided to the drive electronics by the electrical conductors via the electrical connector.

4. (Previously Presented) A printhead assembly according to claim 1, wherein the first group of electrical conductors and the second group of electrical conductors overlap each other in the region intermediate the ends of the printhead assembly.

5. (Original) A printhead assembly according to claim 1, wherein:
the at least one printhead module is formed as a unitary arrangement of the at least two printhead integrated circuits, the support member, the electrical connector, and at least one fluid distribution member mounting the at least two printhead integrated circuits to the support member; and

the support member has at least one longitudinally extending channel for carrying the printing fluid for the printhead integrated circuits and includes a plurality of apertures extending through a wall of the support member arranged so as to direct the printing fluid from the at least one channel to associated nozzles in both, or if more than two, all of the printhead integrated circuits by way of respective ones of the fluid distribution members.